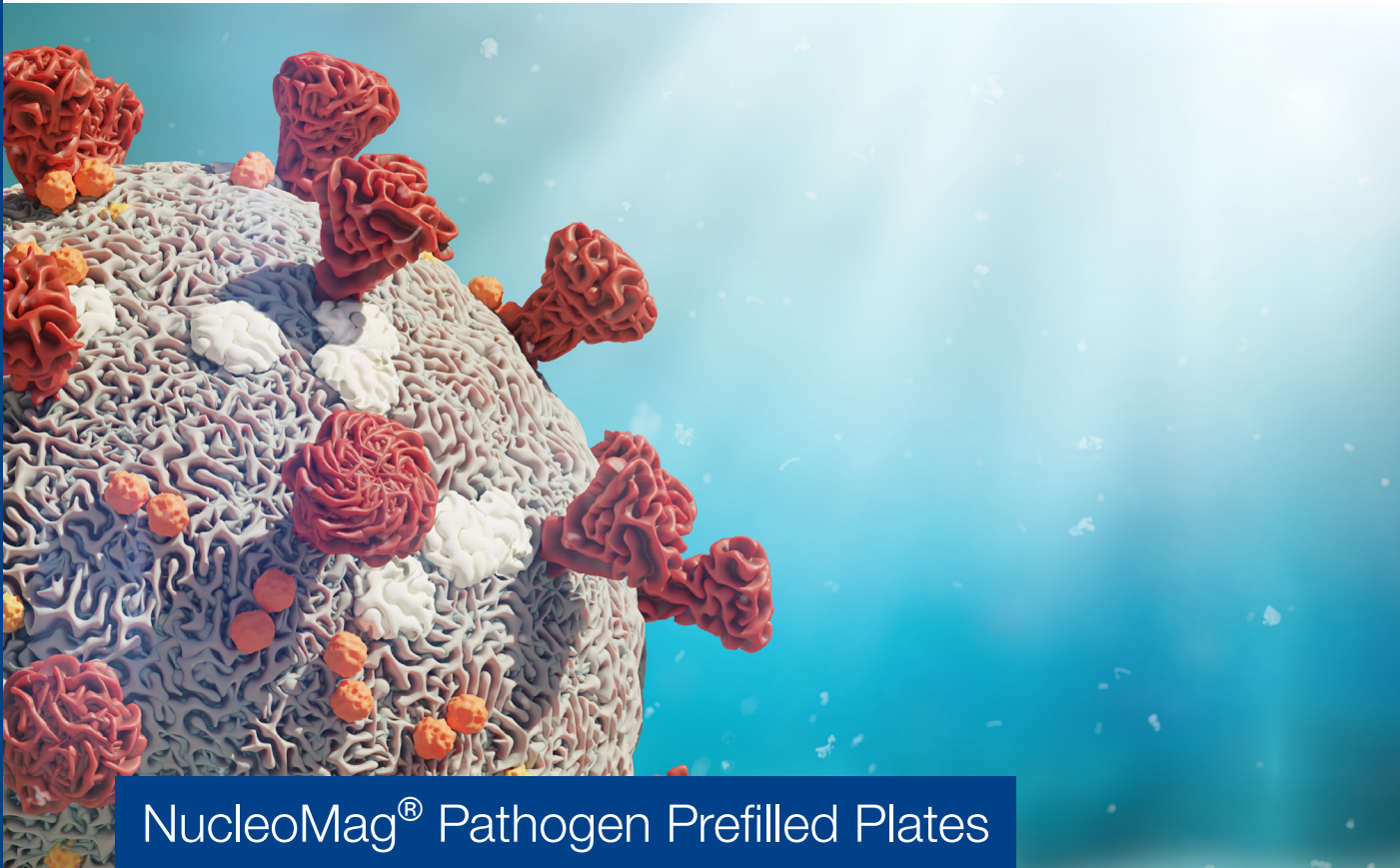


MACHEREY-NAGEL

Magnetic bead-based clinical sample extraction

Bioanalysis



NucleoMag[®] Pathogen Prefilled Plates

Save hands-on time with prefilled plates!

- Simplified automation workflow for 8–32 samples in parallel
- Fully compatible with MN extraction robots
- Up to 50% less plastic consumption

MACHEREY-NAGEL

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Magnetic bead-based clinical sample extraction

NucleoMag® Pathogen Prefilled Plates – Product at a glance

Technology	Magnetic beads
Format	Highly reactive superparamagnetic beads
Sample material	Whole blood, human tissue, plasma, serum, stool, swabs, cell-free biological fluids
Fragment size	300 bp – approx. 50 kbp
Elution volume	100 µL
Processing time	Approx. 30 min (excluding lysis)

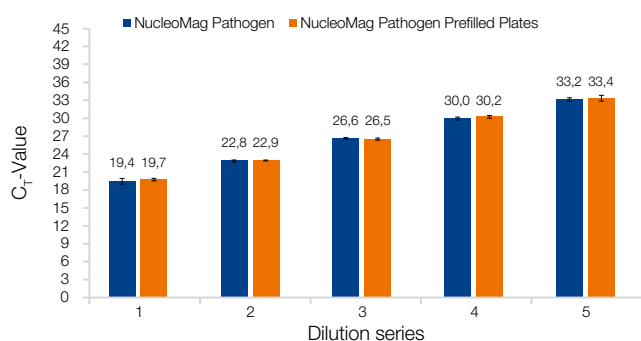
Simplify
your
nucleic acid
extraction!

Save
time and
plastics!

NucleoMag® Pathogen vs. NucleoMag® Pathogen Prefilled Plates

Product features

- Save up to 15 minutes hands-on time with prefilled plates
- High performance of clinical sample extraction
- Data consistency due to less pipetting steps
- Up to 50% less plastic consumption when using NucleoMag® Pathogen Prefilled Plates



High extraction performance of NucleoMag® Pathogen Prefilled Plates

Human saliva was used for the isolation of bluetongue virus (BTV) in several dilutions with the NucleoMag® Pathogen kit and the new NucleoMag® Pathogen Prefilled Plates. Five different dilution series of BTV (dsRNA) were used for extractions on the NucleoMag® X32 extraction robot. Results show qPCR-data with comparable C_T -values showing a very consistent and reliable virus detection for both prefilled and freshly prepared plates.



Ordering information

Product	Specifications	Preps/Pack of	REF
NucleoMag® Pathogen Prefilled Plates	The NucleoMag® Pathogen kit chemistry prefilled in plates for simplified automation of magnetic bead-based nucleic acid extraction from clinical samples	1 x 96	744211
NucleoMag® Pathogen	Magnetic bead-based kit for isolation of viral RNA/DNA and bacterial DNA from clinical samples; includes NucleoMag® B-Beads, Carrier RNA, Proteinase K, and buffers	1 x 96 / 4 x 96 / 100 x 96	744210.1 / .4 / .100
Related products			
NucleoMag® Dx Pathogen	CE-IVD certified kit for the isolation of viral RNA from human respiratory swabs and saliva	4 x 96	744215.4
NucleoMag® X32	Magnetic rod system for automated nucleic acid extraction using MACHERY-NAGEL's NucleoMag® kits, parallel processing of up to 32 samples	1	747020
IsoPure Mini	Magnetic rod system for automated nucleic acid extraction using MACHERY-NAGEL's NucleoMag® kits parallel processing of up to 16 samples	1	747000

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Management System
EN ISO 13485:2016
ISO 9001:2015

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